

PAT-NO: JP401249521A

DOCUMENT-IDENTIFIER: JP 01249521 A

TITLE: DRIVE CONTROL OPERATION DEVICE  
FOR DRIVEN MEMBER  
INSTALLED ON VEHICLE

PUBN-DATE: October 4, 1989

INVENTOR-INFORMATION:

NAME

YAMAGUCHI, SETSUJI

KUWABARA, TAHEI

SUMIDA, MASAOKI

ASSIGNEE-INFORMATION:

NAME

SHIN MEIWA IND CO LTD

COUNTRY

N/A

APPL-NO: JP63078394

APPL-DATE: March 31, 1988

INT-CL (IPC): B60K017/28

US-CL-CURRENT: 180/318, 180/320

## ABSTRACT:

**PURPOSE:** To finely and appropriately carry out drive control by controlling a driven member rotatably installed on a vehicle in such a way that the driven member is rotated at a constant speed in a middle or low speed range during normal mode operation while being rotated arbitrarily up to a high speed during high speed mode operation.

**CONSTITUTION:** An onboard driven member such as a mixer drum 2 on a concrete mixer truck or the like is driven by a hydraulic motor M which is controlled by a hydraulic pump P driven by a running engine E. The hydraulic pump P is remote-controlled by actuators 4 inside and outside of the truck. In this arrangement, a data processor 12 is installed on the truck. The data processor receives detection signals from rotational speed sensors 13, 15 for the mixer drum 2 and the running engine E, and delivers control signals to a servo-valve SV for the hydraulic pump P and an accelerator drive section 14 for the running engine E.

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